

INTERNATIONAL SEARCH REPORT

Application No.
PCT/DZ 03/00954

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04L29/06 G06F9/40

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04L G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

COMPENDEX, EPO-Internal, INSPEC, PAJ, IBM-TDB, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 311 101 B1 (KASTNER ENGELBERT) 30 October 2001 (2001-10-30) abstract column 1, line 45 -column 3, line 21 column 4, line 39 -column 5, line 22 column 6, line 1 -column 7, line 34 claims 1,12; figures 1,2 ---	1-9
X	US 6 353 853 B1 (GRAVLIN KEITH ROBERT) 5 March 2002 (2002-03-05) abstract column 2, line 32 -column 3, line 13 column 4, line 33 -column 6, line 3 claim 1; figures 1-4 --- -/--	1-9

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

8 October 2003

Date of mailing of the international search report

15/10/2003

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>LUMPP T ET AL: "Virtual Java devices. Integration of fieldbus based systems in the Internet" INDUSTRIAL ELECTRONICS SOCIETY, 1998. IECON '98. PROCEEDINGS OF THE 24TH ANNUAL CONFERENCE OF THE IEEE AACHEN, GERMANY 31 AUG.-4 SEPT. 1998, NEW YORK, NY, USA, IEEE, US, 31 August 1998 (1998-08-31), pages 176-181, XP010308211 ISBN: 0-7803-4503-7 abstract page 177, left-hand column, paragraph 2 - paragraph 4 page 177, right-hand column, paragraph 3 - page 178, right-hand column, paragraph 5 figure 2</p>	1-9
X	<p>KLESPIER T: "DER INTERNET-ZUGRIFF AUFS LON. WELTWEITER ZUGRIFF AUF DIE SENSORIK UND AKTORIK VON AUTOMATISIERUNGS-PROJEKTEN" ELEKTRONIK, FRANZIS VERLAG GMBH. MUNCHEN, DE, vol. 47, no. 8, 14 April 1998 (1998-04-14), page 60,62,64,66 XP000780190 ISSN: 0013-5658 the whole document</p>	1-9
X	<p>WEAVER A ET AL: "Monitoring and control using the Internet and Java" INDUSTRIAL ELECTRONICS SOCIETY, 1999. IECON '99 PROCEEDINGS. THE 25TH ANNUAL CONFERENCE OF THE IEEE SAN JOSE, CA, USA 29 NOV.-3 DEC. 1999, PISCATAWAY, NJ, USA, IEEE, US, 29 November 1999 (1999-11-29), pages 1152-1158, XP010366722 ISBN: 0-7803-5735-3 abstract page 1153, right-hand column, paragraph 5 - page 1155, left-hand column, paragraph 1 figure 2</p>	1-9

INTERNATIONAL SEARCH REPORT

ation on patent family members

Application No.

PCT/DE 03/00954

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6311101	B1	30-10-2001	EP 0916466 A1 19-05-1999
			EP 0917034 A1 19-05-1999
			AT 206655 T 15-10-2001
			AT 214169 T 15-03-2002
			DE 59704884 D1 15-11-2001
			DE 59803258 D1 11-04-2002
US 6353853	B1	05-03-2002	NONE